

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A method of content delivery in a network, comprising:

associating devices in a Domain Name System (DNS) with ~~content~~ cache server systems located in the network and maintaining on each of the cache server systems content stored on an origin server, the content server systems maintaining and serving content of a content provider, wherein each DNS device is configured to resolve the name of the content provider to an address for the content server system with which such DNS device is associated;

assigning to the DNS devices a common address, ~~the common address being usable to resolve the name of the content provider such that a request for content of the content provider by a content requestor is sent to the content server system nearest the content requestor;~~

advertising, by each of the DNS devices, the common address within the network to indicate that the content is available for retrieval from each of the cache server systems by end user systems communicatively connected to the network;

monitoring one or more load characteristics of one or more of the ~~content~~ cache server systems in the network;

determining if one or more of the load characteristics exceeds a predefined overload metric; and

for each ~~content~~ cache server system having a load characteristic that exceeds the predefined overload metric, discontinuing advertising of the ~~content~~ cache server system by an associated DNS device.

2. (Original) The method of claim 1, wherein the common address is an anycast address.

3. (Currently Amended) The method of claim ~~2~~ 1, wherein the advertising act comprises:

sending routing information to a plurality of routers in the network ~~associated with the anycast address is advertised over the network by the DNS devices~~ in accordance with the Border Gateway Protocol (BGP).

4. (Currently Amended) The method of claim 1, wherein the ~~content~~ cache server systems are geographically distributed across the network.
5. (Currently Amended) The method of claim 1, wherein the DNS devices are collocated with the ~~content~~ cache server systems with which the DNS devices are associated.
6. (Currently Amended) The method of claim 1, wherein each ~~content~~ cache server system and associated DNS device are located in a different Internet Service Provider Point of Presence.
7. (Currently Amended) The method of claim 1, wherein each ~~content~~ cache server system and associated DNS device is located at or near an entry point of the network.
8. (Canceled)
9. (Currently Amended) The method of claim 8~~1~~, wherein at least one of the cache server systems comprises at least two cache servers connected in a cluster, and wherein the at least two cache servers are coupled to a switch usable to select from among the at least two cache servers based on a selection policy.
- 10-13. (Canceled)